A Multimedia Network for Knowledge Representation

Abstract of the Disclosure

A method and apparatus for encoding knowledge using a multimedia network. A multimedia network represents semantic concepts and their relations using multimedia content. A multimedia network associates words and multimedia content with the semantic concepts in order to illustrate and exemplify the semantic concepts as well as describe lexical, semantic, and perceptual relations. The multimedia network can be searched, browsed, or summarized for purposes of information discovery. The multimedia network can also be used for personalizing multimedia content or for querying a multimedia information repository by expanding a query to include related concepts encoded in a Multimedia network.